

Master 3.30

Extra Practice 4

Lesson 3.4: Multiplying Mixed Numbers

1. Write the mixed number and improper fraction represented by each picture.

a)



b)



c)



2. Use estimation. Which suggested estimate is closer to the given product?

a) $3\frac{2}{3} \times 1\frac{7}{9}$ 3 or 8

b) $2\frac{2}{5} \times 4\frac{1}{18}$ 8 or 15

c) $2\frac{9}{11} \times \frac{15}{16}$ 3 or 6

3. Multiply. Estimate to check.

a) $2\frac{3}{5} \times 1\frac{1}{2}$

b) $4\frac{6}{8} \times 3\frac{2}{3}$

c) $5\frac{1}{6} \times 2\frac{3}{4}$

d) $\frac{5}{8} \times 3\frac{4}{5}$

4. Amber made $5\frac{3}{4}$ pitchers of iced tea for her friends.

They drank $\frac{2}{3}$ of the iced tea.

How many pitchers of iced tea did they drink?

5. Carlos has $1\frac{1}{2}$ cups of flour.

He uses $\frac{3}{4}$ of the flour to make pizzas for the school fundraiser.

How much flour does Carlos use?